

STATEMENT
OF
WORK
(SOW)
FOR THE
REBUILD OF THE
AAV
VIEWER, NIGHT VISION
AN/VVS-2(V)1A

NSN 5855-01-096-0871

SOW-01-834-1-86386C-1/1

Dated 4 April 2000

STATEMENT OF WORK FOR THE
REBUILD OF THE AAV VIEWER NIGHT VISION
NSN 5855-01-096-0871

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STATEMENT OF WORK FOR THE
REBUILD OF THE AAV VIEWER NIGHT VISION
AN/VVS-2(V)1A REBUILD
NSN 5855-01-096-0871

1.0 SCOPE. This Statement of Work (SOW), along with Drawing SM-D 771480-1, TM 11-5855-249-23, and TM 11-5855-249-23P establishes and sets forth tasks and identifies the work efforts that shall be performed by the contractor in the rebuild of the Viewer, Night Vision AN/VVS-2 (V) 1A, hereafter referred to as the Viewer, Night Vision to Condition Code "A". Condition Code "A" is defined as "serviceable/issuable without qualification, new, used, repaired or reconditioned materiel which is serviceable and issuable to all customers without limitations or restrictions". The Viewer Night Vision, AN/VVS-2 (V)1A is identified by National Stock Number (NSN) 5855-01-096-0871.

1.1 BACKGROUND. Rebuild is defined as that maintenance technique to restore an item to a standard as near as possible to original or new condition in appearance, performance, and life expectancy. This is accomplished through complete disassembly of the item; inspection of all parts or components, repair or replacement of worn or unserviceable parts using original manufacturing tolerances and/or specifications and subsequent reassembly of the item.

2.0 APPLICABLE DOCUMENTS. The following documents form a part of this SOW to the extent specified. Unless otherwise specified, the issues of these documents are those listed in the Department of Defense Index of Specifications and Standards (DoDISS) and supplement thereto which is in effect on the date of solicitation. In the event of conflict between the documents referenced and the contents of this SOW, the contents of this SOW shall be the superseding requirement.

2.1 Military Standards

MIL-STD-2073-1

DoD Standard Practice for Military Packaging

MIL-STD-129

DoD Standard Practice for Military Marking

Military Standards (Guidance Only)

MIL-STD-973

Configuration Management

2.2 Other Government Documents and Publications

DoD 4160.21-M

Defense Materiel Disposition Manual

TM 2350-45

DMA Standard Procedures

TM 11-5855-249-23	Organizational and Direct Support Manual for Viewer, Night Vision AN/VVS-2(V)1
TM 11-5855-249-23P	Organizational and Direct Support Maintenance Repair Parts and Tools Listed (Including Depot Maintenance Repair Parts and Special Tools)
TI-4700-45/6B	Installation of Repair/Overhaul Data Plates- All Equipment End Items, Assemblies and Components
Drawing SM-D-771480-1	Viewer, Night Vision AN/VVS-2(V)1A
DTD	Multi User Engineer Change Proposal Automated Review System (MEARS) Document Type Definitions (DTD)
DoD 4000.25-1-M	MILSTRIP Manual
NAVICPINST 4491.2A	Requisitioning of Contractor Furnished Materiel from the Federal Supply System
<u>Industry Standards</u>	
ANSI/ISO/ASQC Q9002-1994	Quality Systems-Model for Quality Assurance in Final Inspection and Test

Copies of Military Standards and Specifications are available from the DoD Single Stock Point, Defense Automation Production Service Philadelphia, PA, Building 4D, 700 Robbins Avenue, Philadelphia, PA 19111-5094, Commercial (215) 697-2179 or DSN 442-2179 or, <http://www.dodssp.daps.mil>. Copies of handbooks, publications and other Government documents required by the contractor in connection with specific SOW requirements shall be obtained, in writing, from: Commander, Marine Corps Logistics Bases, Attn: Publication Branch (Code 876), Albany, Georgia 31704-5000. Commercial (912) 439-5818/19, or DSN 567-5818/19. Copies of Drawings and Engineering Change Proposals required by the contractor shall be obtained in writing from Life Cycle Management Center, Attn (Code 825-3) 814 Radford Blvd STE 20302, Albany, Georgia, 31704-0320, Commercial (912) 439-6410 or DSN 567-6410.

3.0 Requirements

3.1 General Tasks. In fulfilling the specified requirements, the contractor shall:

a. Provide materiel's, labor, facilities, and services necessary to troubleshoot, test, diagnose, engineer, integrate, install, repair, rebuild, and calibrate as required to make the Viewer Night Vision, AN/VVS-2(V)1A, fully operational. Upon completion of the rebuild, the subject equipment shall be Condition Code "A".

b. Conduct final-on-site testing which () () Marine Corps Logistics Base, Albany, Georgia (MARCORLOGBASEALB), (Code 834-1) representative at his/her discretion, may witness.

c. The contractor shall be responsible for all structural, electrical, and mechanical requirements associated with the rebuild of the Viewer Night Vision specified in TM 11-5855-249-23, TM 11-5855-249-23P, TM 2350-45, TI-4700-45/6B, Drawing SM-D-771480-1, MIL-STD-2073-1C, and MIL-STD-129.

d. Ensure all Viewers Night Vision meet the configuration of Naval Sea System Command Drawing SM-D-771480-1.

e. All mandatory replacement parts identified in TM 11-5855-249-23 shall be replaced 100%. Economical replacement parts may be reused if they meet the applicable inspection requirements in TM 2350-45. All parts shall be disposed of in accordance with DoD 4160.21-M

3.2 Detailed Tasks. The following tasks describe the different phases for the rebuild of the Viewer Night Vision.

3.2.1 Phase I - Rebuild.

The contractor shall receive the Viewer Night Vision for rebuild. The contractor shall then disassemble the Viewer Night Vision into components and conduct the rebuild process. The contractor shall rebuild components in accordance with the requirements in TM 11-5855-249-23, TM 11 5855 249 23P, and this SOW. The contractor shall be responsible for supplying all equipment, tools, test equipment, and materiel's to conduct this effort. The contractor shall be responsible for the integration and assembly of all components. The configuration identification for the Viewer Night Vision is defined by the specifications annotated on the current revision level of Naval Sea System Command drawing SM-D-771480-1. Upon completion of the rebuild, the Viewer Night Vision shall be in condition code "A". A Rebuild Data Plate shall be installed in accordance with TI-4700-45/6B.

3.2.2 Phase II - Inspection, Testing, and Acceptance

a. Inspection, testing, and acceptance of the Viewer Night Vision shall be conducted in accordance with TM 11 5855-249 23, TM 11-5855-249-23P, and ANSI/ISO/ASQC Q9003-1994.

b. The contractor shall provide a Certificate of Conformance with delivery of the final product attesting the product meets or exceeds the requirements of the SOW. The contractor will correct any deficiencies discovered.

3.2.3 Phase III- Packaging, Handling, Storage, and Transportation (PHS&T)

a. The contractor shall be responsible for the application of preservation and packaging for items being repaired under the terms of this SOW. Items being prepared for long term storage, or to overseas destinations shall be level "A" in accordance with MIL STD 2073-1C, Method 55. Items being prepared for domestic shipment, immediate use, or short-term storage shall be to level "B" requirements.

b. Marking shall conform to MIL-STD-129.

c. The Marine Corps shall provide the contractor with the shipping address(es) for delivery of the repaired equipment. The contractor shall be responsible for arranging for shipment to the pre-designated site(s). The Marine Corps shall be responsible for transportation costs associated with shipping of the Viewer, Night Vision to and from the contractor.

3.3 Configuration Management

a. The contractor shall apply configuration control to established configuration items. The contractor shall not implement a design or performance change to items without receiving prior authorization from the contracting activity. The need to deviate from the written procedures or materiel's contained in the technical manuals/engineering drawings shall be requested by the electronic submission of a Request for Deviation (RFD)/Request for Waiver (RFW). MIL-STD-973, paragraph 5.4.3 or 5.4.4, provide guidance for preparing these configuration change documents. The contractor shall be furnished with MEARS DTD, and either the associated template for the production of electronic RFD/RFWs or the MEARS CREATE application. All electronic change submissions shall be prepared in accordance with the DTD. Delivery media and formats are contained in the application Contract Data Requirements Lists (CDRL).

b. The submission of electronic files shall be accomplished by the originator placing the RFD/RFW files on the MARCORLOGBASEALB shared drive, matcomapps05/mears/foaav or equivalent address. The originator shall notify the contracting activity of a RFD residing on applicable server by e-mail. As an alternative to placing the RFD/RFW on the server, the originator may e-mail the document using .zip files.

3.4 Government Furnished Equipment (GFE) and Government Furnished Materiel (GFM)

GFE is government owned equipment authorized by contract for use by a commercial/government contractor. It is neither consumed during production nor incorporated into any product. GFM is materiel furnished to a contractor that will be consumed during the course of production or incorporated into a product being manufactured/remanufactured under a contract/SOW. In the event the Marine Corps does have GFE/GFM requirements the Management Control Activity (MCA) at MARCORLOGBASEALB (MCA/Code 827-2) will coordinate required GFE and will maintain a central control on Marine assets in the Contractors possession. The MCA will forward a GFE Accountability Agreement to the Contractor for signature to establish a chain of custody and property responsibility for Marine Corps assets.

3.5 Contractor Furnished Materiel (CFM)

The Marine Corps has adopted the Navy's procedures regarding CFM (NAVICPINST 4491.2A). In the event that CFM is required for repair parts, the contractor shall requisition through the DoD Supply System. DoD 4000.25-1-M, (MILSTRIP) Chapter 11 authorizes contractors to requisition through the DoD Supply System.

3.6. Quality Assurance Provisions

a. The performance of the contractor's quality of work performed, materiel provided and documents written shall be subject to in-process review and inspection by the MARCORLOGBASEALB (Code-834-1) representative during contract performance. Inspection may be accomplished at any work location. The MARCORLOGBASEALB (Code 834-1) representative requires at a minimum, two weeks notice of acceptance test to allow for sufficient time for MARCORLOGBASEALB (Code 834-1) representative to witness the test if he or she desires. Inspection by the MARCORLOGBASEALB (Code-834-1) representative of acceptance tests, materiel's and associated lists furnished hereunder does not relieve the contractor from any responsibility regarding defects or other failures to meet the SOW requirements which may be disclosed prior to final acceptance.

b. The contractor shall provide and maintain a Quality System that as a minimum adheres to the requirements of ANSI/ISO/ASQC Q9003-1994. The contractor's work shall be subject to in-process reviews and inspections for compliance with these procedures and standards by MARCORLOGBASEALB (Code 834-1) representative. Noncompliance with these quality assurance procedures resulting in degraded quality of work may result in a stop-work order requiring action by the contractor to correct the work performed and to enforce compliance with quality assurance procedures or face contract termination. Notwithstanding such inspection, it shall be the contractor's responsibility to ensure that the entire system meets the performance requirements of this SOW.

4.0 Reports/Documentation

4.1 Reports/Documentation that are required:

- a. The contractor shall provide a Monthly Parts Usage Report on each Viewer Night Vision. The report shall be sequenced by Master Work Schedule Line Number (MWSLN) and Production Number.
- b. The contractor shall provide a monthly Production Status Report summarizing the progress and status of the Viewer Night Vision.

(1 Data Item)

Public reporting burden for this collection of information is authorized to average 110 hours per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden, to Department of Defense, Washington Headquarters Services, Directorate for Information Operations and Reports 1215 Jefferson Davis Highway, Suite 1204, Arlington, VA 22202-4302 and to the Office of Management and Budget, Paperwork Reduction Project (0704-0188), Washington, DC 20503. Please DO NOT RETURN your form to either of these agencies. Send completed form to the Government issuing Contract Order for the contract/PR No. Hired in block E.

17 PRICE GROUP

18 ESTIMATED
TOTAL PRICE

Declassified using PresForm E-1, WHS/TJW, Aug 96

CONTRACT DATA REQUIREMENTS LIST

(1 Data Item)

Form Approved
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Public reporting burden for this collection of information is authorized to average 110 hours per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden, to Department of Defense, Washington Headquarters Service, Directorate for Information Operations and Reports 1215 Jefferson Davis Highway, Suite 1204, Arlington, VA 22202-4302 and to the Office of Management and Budget, Paperwork Reduction Project (1704-0188), Washington, DC 20503. Please DO NOT RETURN your form to either of these offices. Send completed forms to the Government issuing Contract Officer for the contract/PR No. listed in block 2.

CONTRACT LINE ITEM NO. B. EXHIBIT C. CATEGORY: TDF TM Other **XXX**

SYSTEM/ITEM E. CONTRACT/PR No F. CONTRACTOR

DATA ITEM No. 1. TITLE OF DATA ITEM 1. SUMMARY

001 Parts Usage Report Monthly Parts Usage Report

AUTHORITY (Data Acquisition Document No.) 3. CONTRACT REFERENCE 4. REQUESTING OFFICE

DI-MISC-80704 SOW 4.1.a MARCORLOGBASES (834)

D 250 REQ. LT 9. DIST STATEMENT REQUIRED 10. FREQUENCY 12. DATE OF FIRST SUBMISSION 14. DISTRIBUTION

PP CODE A MTHLY See Blk 16

11. AS OF DATE 13. DATE OF SUBSEQUENT SUBMISSION

15. TOTAL

REMARKS

Block 4 - Contractor format is authorized. Delete the following

paragraphs. These paragraphs do not apply to this deliverable: 10.1, 10.2,

10.2.4, 10.2.5, 10.2.6, 10.2.7, 10.2.8, and 10.2.9.

Blocks 10 and 12 - The report shall be submitted on the tenth of each

month. The first submission shall be 30 days after the contract award.

The Parts Usage Report shall be transmitted via E-Mail to the following

address: HoffmanRE@matcom.usmc.mil

Distribution Statement A: Approved for public release, distribution is

limited.

17. PRICE GROUP

18. ESTIMATED
TOTAL PRICE

PREPARED BY: H. DATE I. APPROVED BY: J. DATE

E. Hoffman 03/30/00 R.E. Hoffman 03/30/00

FORM 1423-1, AUG 98 (G) PREVIOUS EDITION MAY BE USED

Page 1 of 1 Pages

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// Data Item

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17 PRICE GROUP	
18 ESTIMATED TOTAL PRICE	

J. DATE 23/24/07

CONTRACT DATA REQUIREMENTS LIST

(1 Data Item)

Form Approved
OMB No. 1704-0188

Public reporting burden for this collection of information is estimated to average 110 hours per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden, to Department of Defense, Washington Headquarters Services, Directorate for Information Operations and Reports (1215 Jefferson Davis Highway, Suite 1204, Arlington, VA 22202-4302) and to the Office of Management and Budget, Paperwork Reduction Project (0704-0188), Washington, DC 20503. Please DO NOT RETURN your form to either of these offices. Send completed form to the Government issuing Contract Office for the contract/PR No. listed in block E.

A. CONTRACT LINE ITEM NO. B. EXHIBIT C. CATEGORY:
TDP TM Other XXX

D. SYSTEM/ITEM VIEWER, NIGHT VISION E. CONTRACT/PR No. F. CONTRACTOR

DATA ITEM No. 1. TITLE OF DATA ITEM 3. SUBTITLE
C002 Request for Deviation (RFD) Configuration Management

AUTHORITY (Data Acquisition Document No.) 5. CONTRACT REFERENCE 6. REQUIRING OFFICE
DI-CMAN-80640B SOW 3.3 MARCORLOGBASES 825

DD 250 REQ LT 9. DIST STATEMENT REQUIRED 10. FREQUENCY 12. DATE OF FIRST SUBMISSION 14. DISTRIBUTION
APP CODE A AS REQ Sec Blk 16 a ADDRESSEE b COPIES
Draft Reg Repro

11. AS OF DATE 13. DATE OF SUBSEQUENT SUBMISSION

REMARKS
MEARS CREATE Files shall be provided as an electronic submission. Any supporting documentation shall be submitted as enclosures or figures to the MEARS text files. MEARS text files shall be created in MS Word, MS Excel or CCITT Group IV graphic files. Group IV graphic files shall include MIL-STD-1840 CAL data file header. Graphic density for drawings shall be submitted as 600dpi.
RFDs or .zip files shall be transmitted via e-mail to the following address: mbmatcomconfigmgrmnt@matcom.usmc.mil
Distribution Statement A: Approved for public release, distribution is unlimited.
MCLBA 825-2 0 1 0

G. PREPARED BY: H. DATE I. APPROVED BY: J. DATE
Doug Smith 2-3-00 [Signature] 03/30/00

17. PRICE GROUP

18. ESTIMATED
TOTAL PRICE